

FIGURE 1

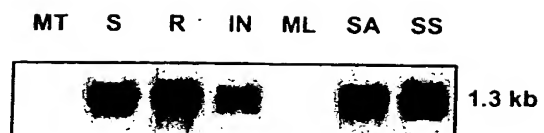


FIGURE 2

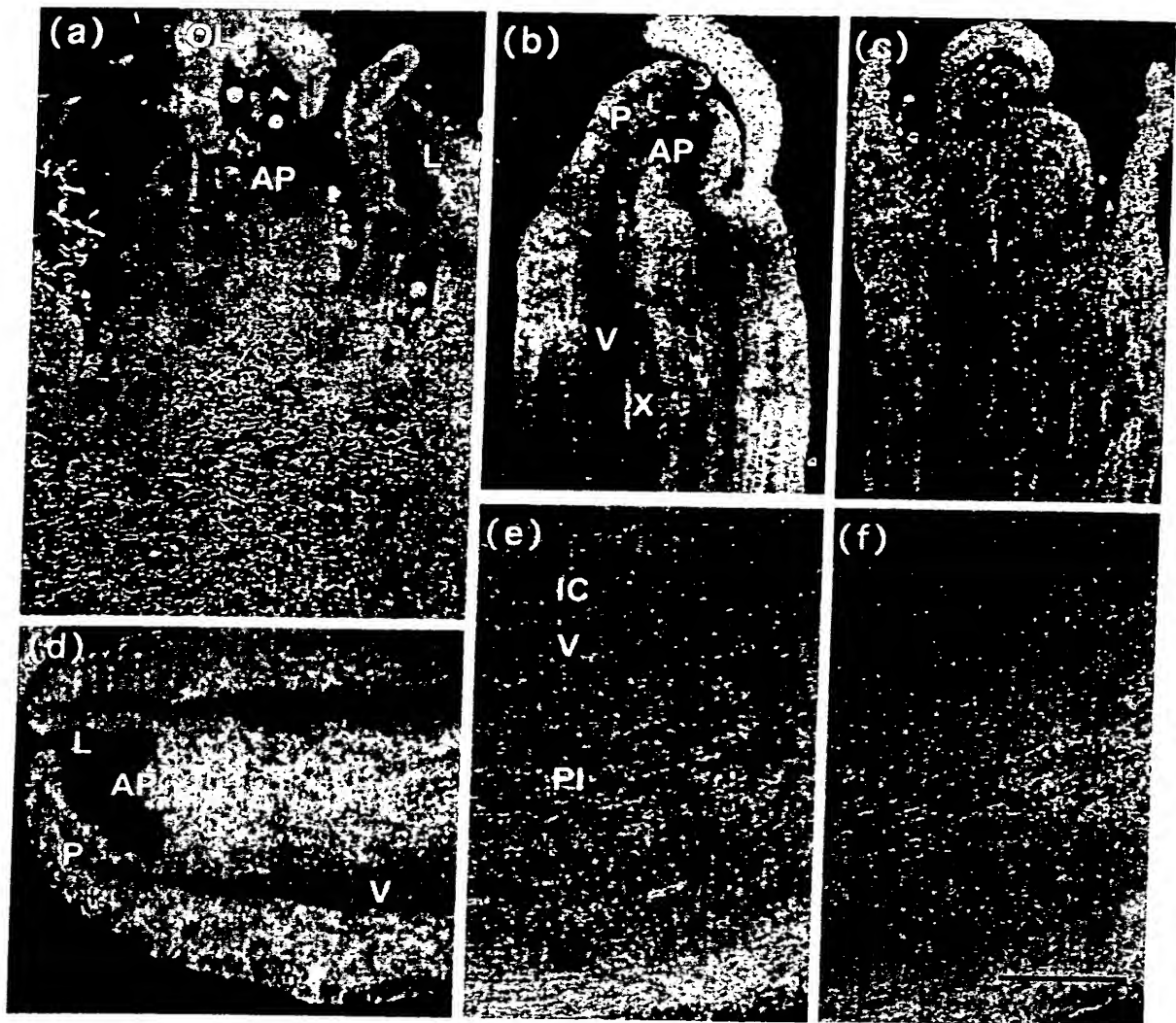


FIGURE 3

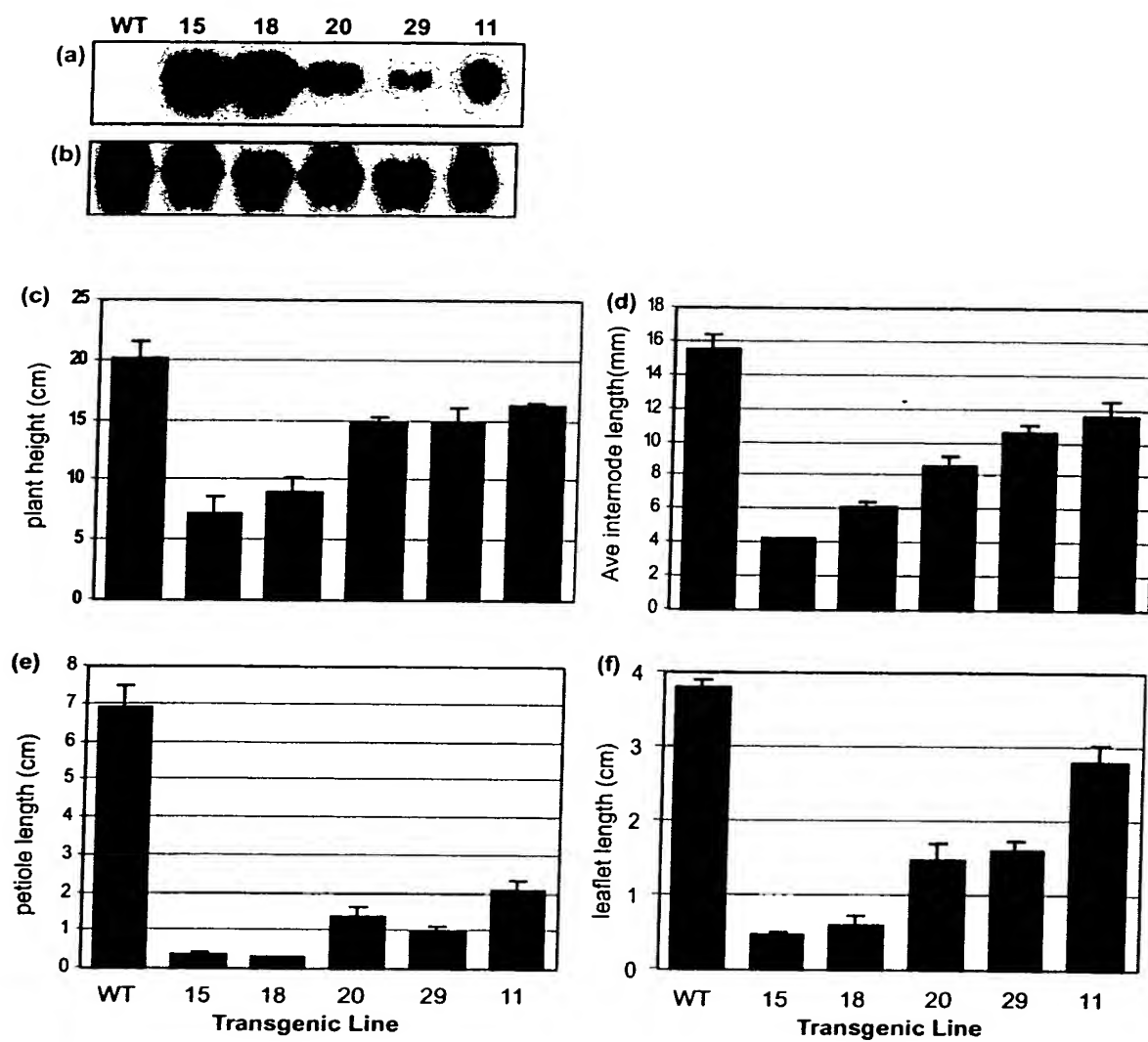


FIGURE 4

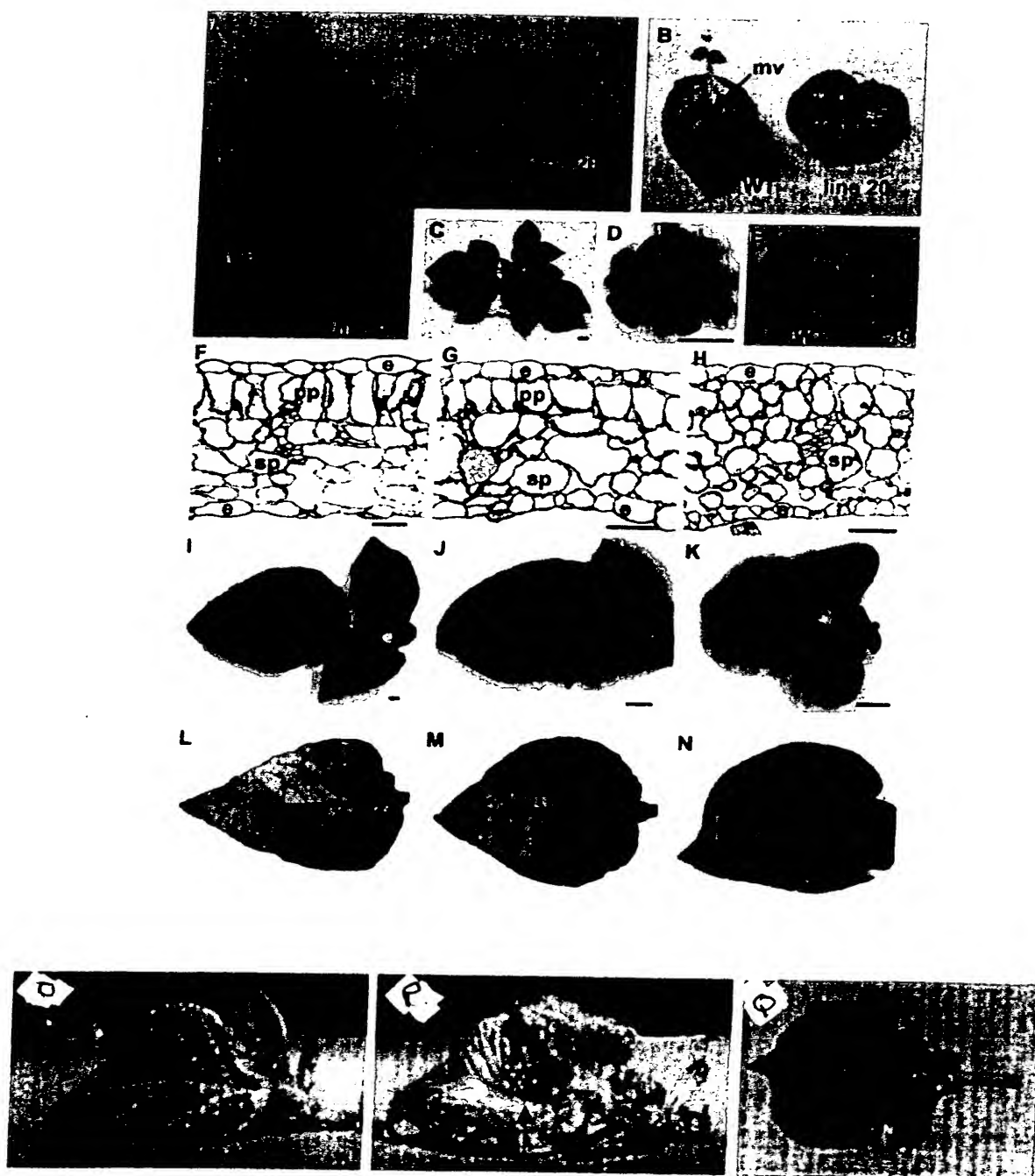


FIGURE 5

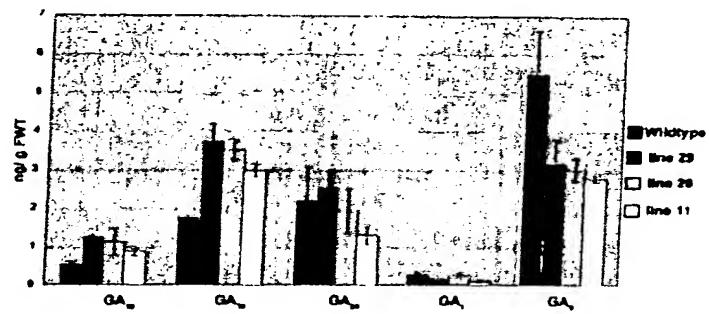


FIGURE 6

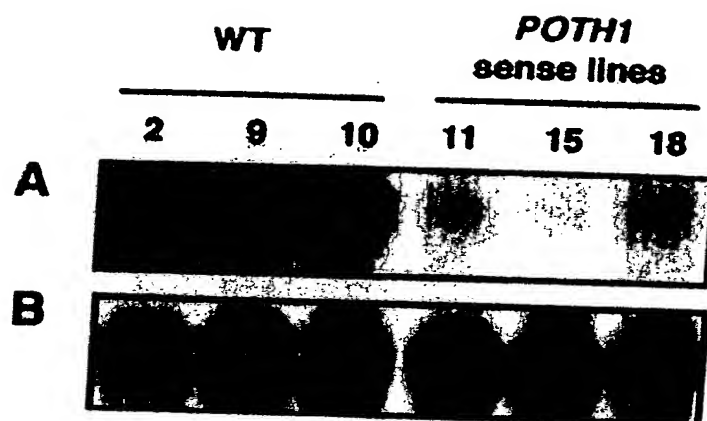


FIGURE 7

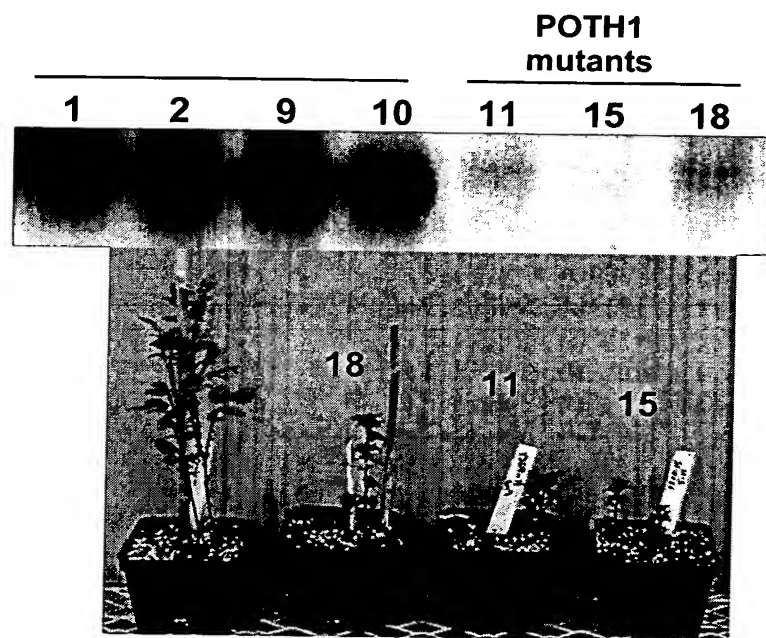


Figure 8

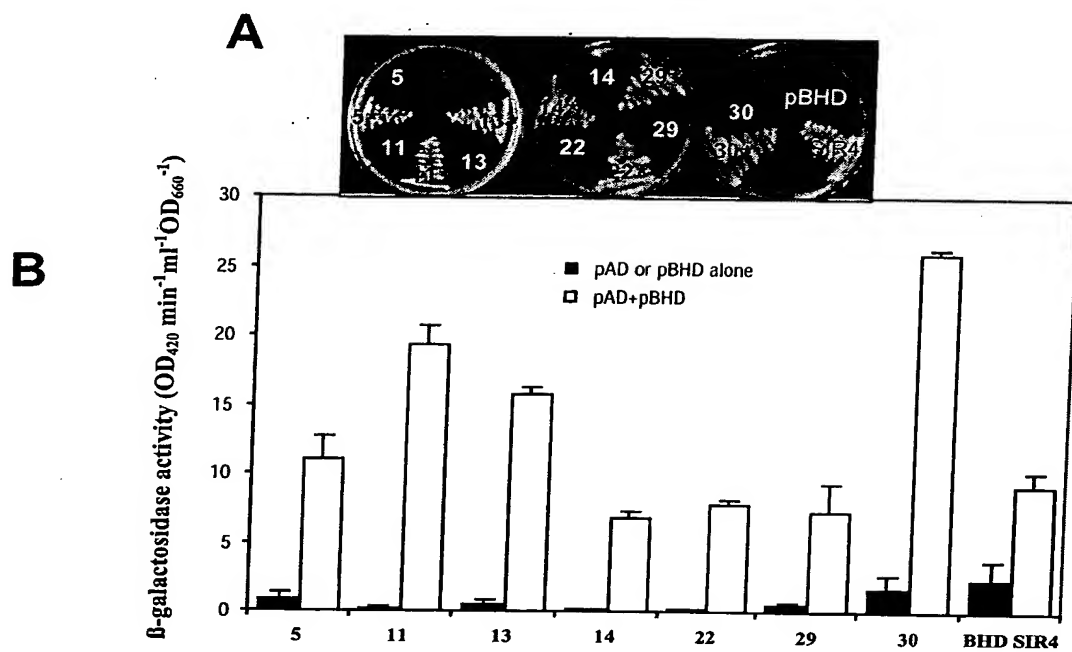


FIGURE 9

C

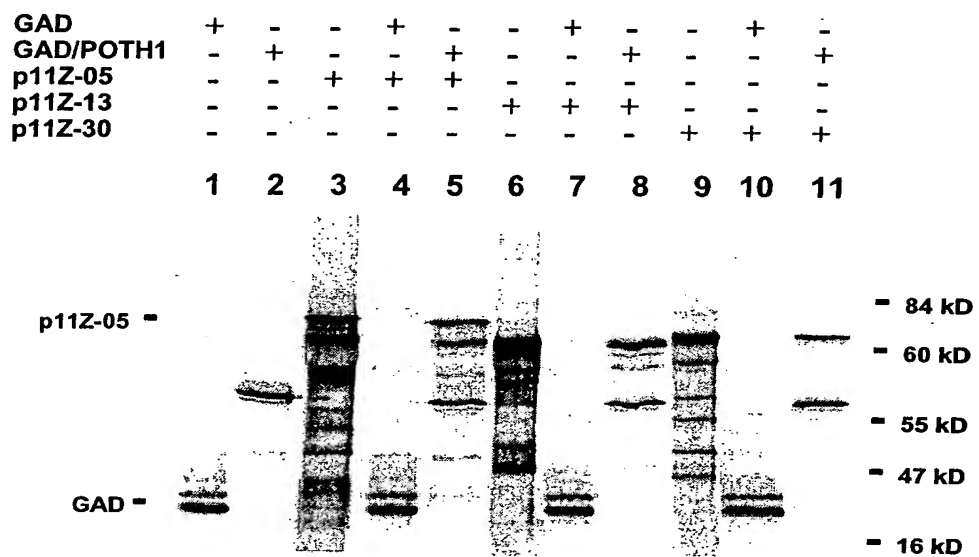
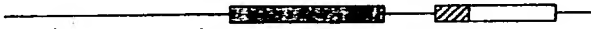
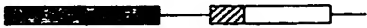

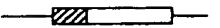

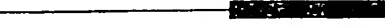
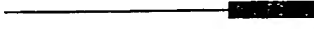













FIGURE 9

			Growth on selective media	Relative % β -gal activity
A				
POTH1 (345 aa)			Yes	100
pBHD1 (115-345)			Yes	35
pBHD2 (165-345)			Yes	45
pBHD3 (209-345)			No	0
pBHD4 (1-261)			Yes	72
pBHD5 (1-223)			Yes	92
pBHD6 (1-171)			Yes	25
pBHD9 (1-113)			Yes	38
B				
pAD5 (653 aa)			Yes	100
pAD5-1(230-653)			Yes	45
pAD5-2 (257-653)			No	0
pAD5-3 (313-653)			No	0
pAD5-4 (348-653)			No	0
pAD5-5 (384-653)			No	0
pAD5-7 (1-487)			Yes	97
pAD5-8 (1-358)			Yes	57
pAD5-9 (1-315)			Yes	9.1
pAD5-11(1-286)			Yes*	0

* Interaction with this construct produced a few, slow growing colonies but no detectable β -gal activity.

FIGURE 10

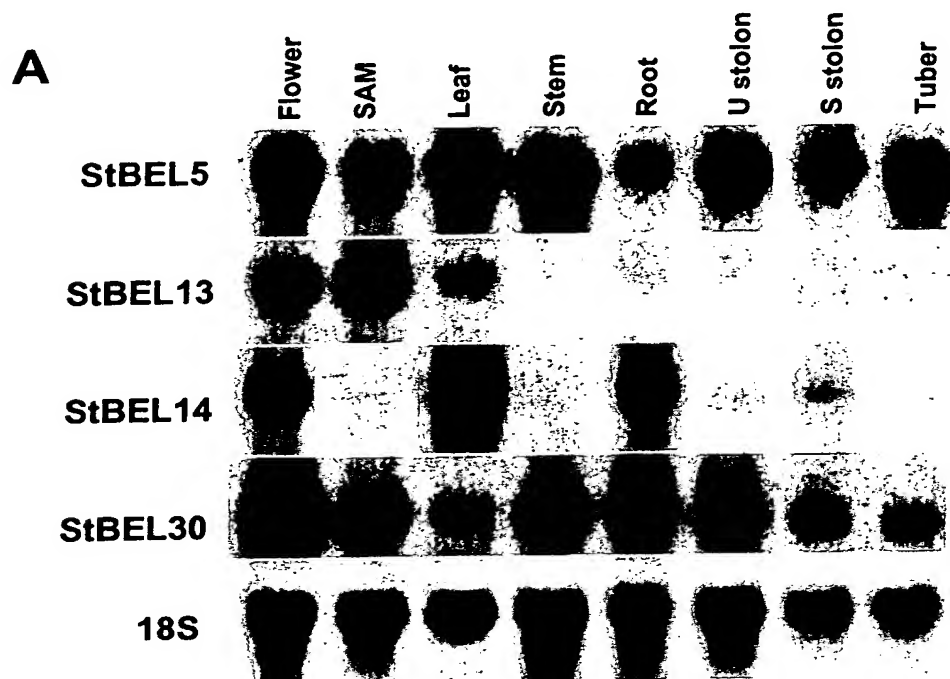


FIGURE 11

B

Leaves

Stolons

rRNA

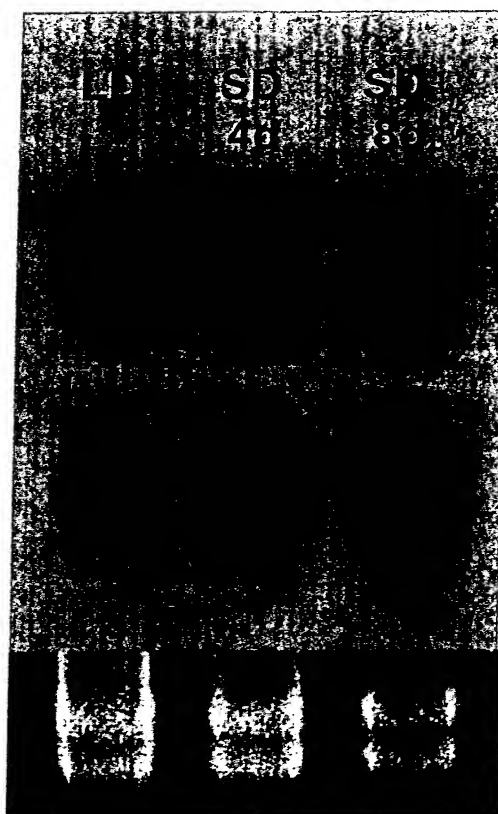


FIGURE 11

C.

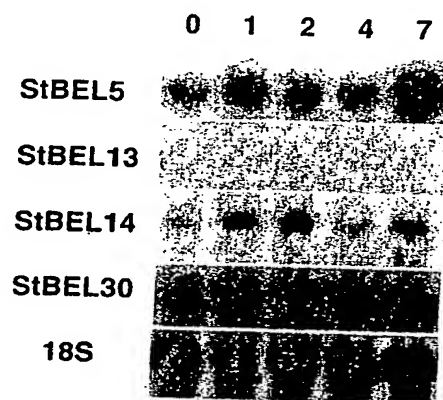


FIGURE 11

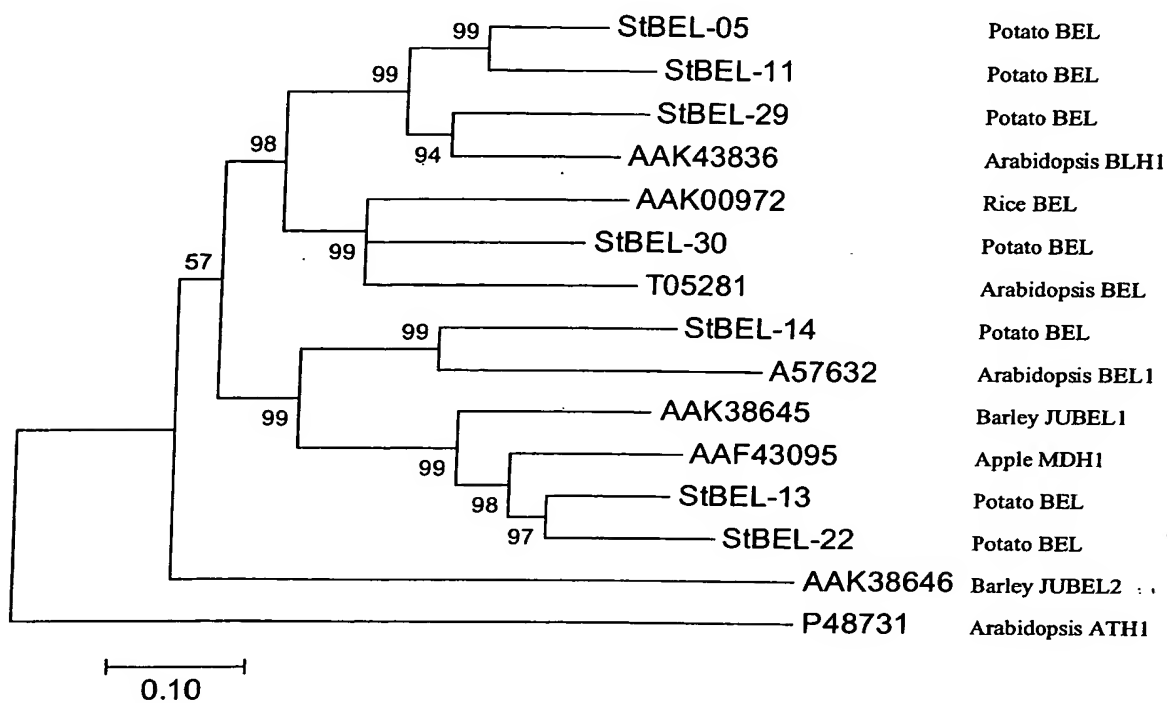


FIGURE 12

A

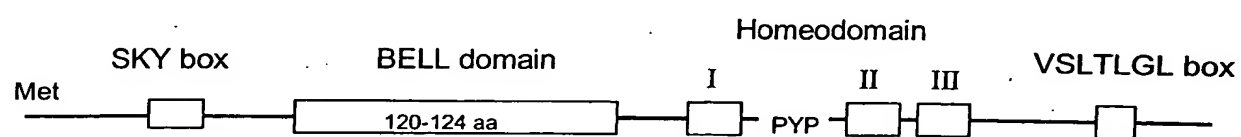


FIGURE 13

B

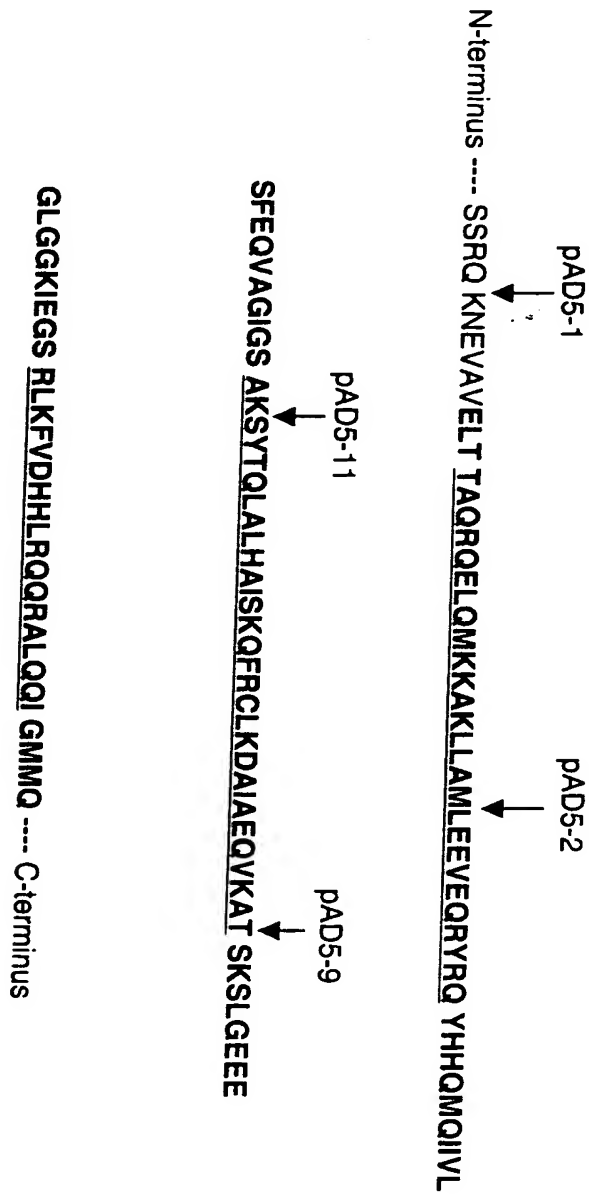


FIGURE 13

C.

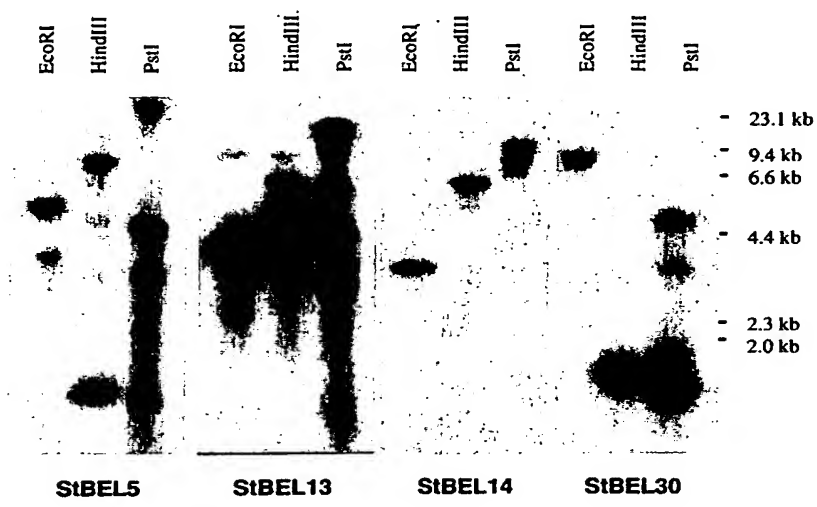


FIGURE 13

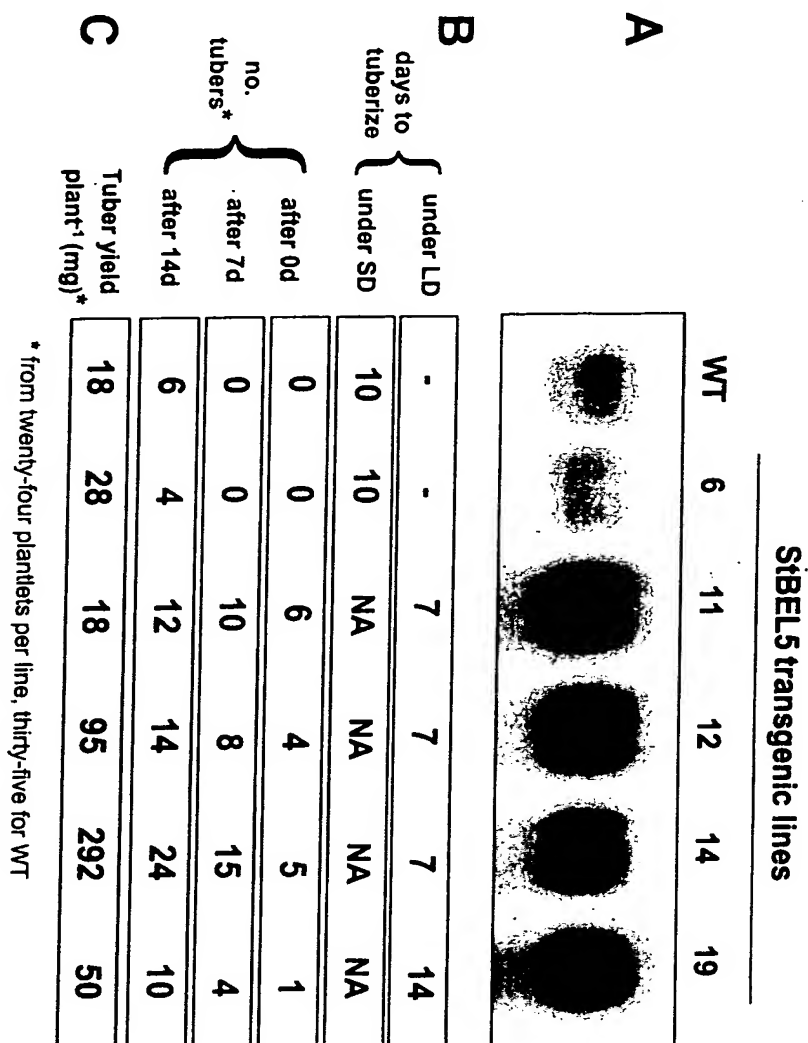


FIGURE 14

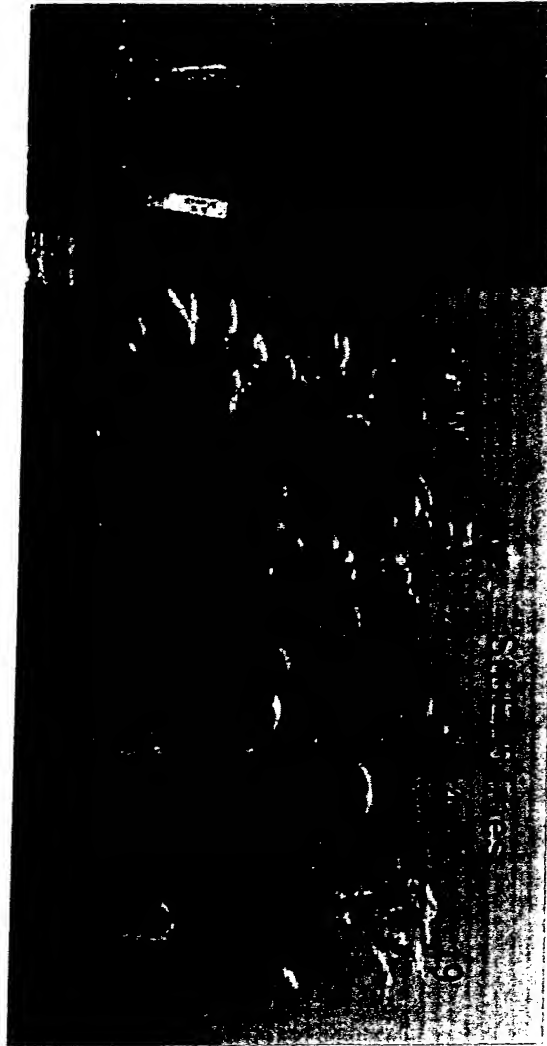


FIGURE 15

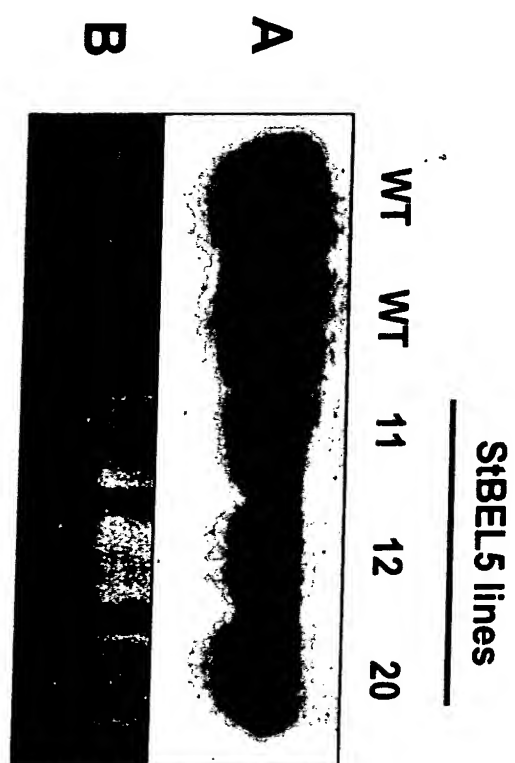


FIGURE 16

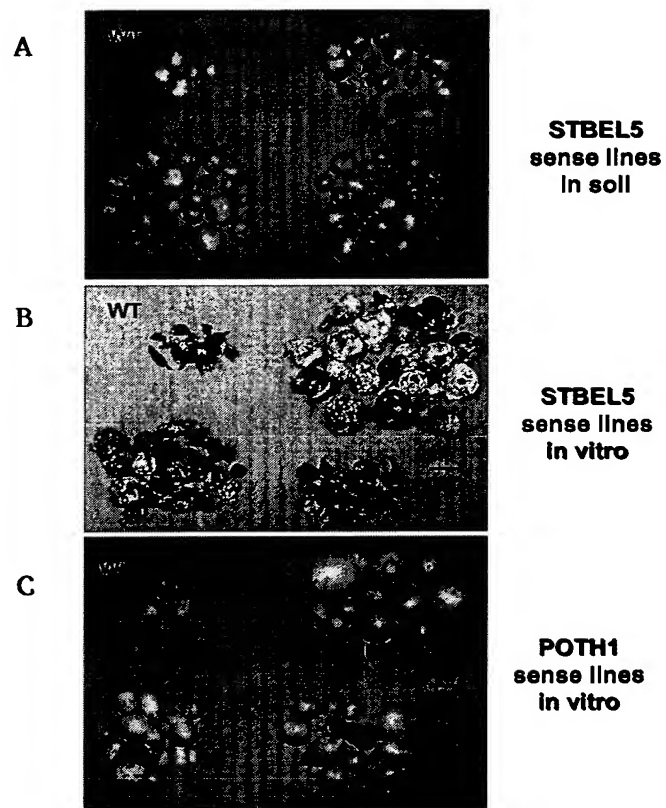


Figure 17

D

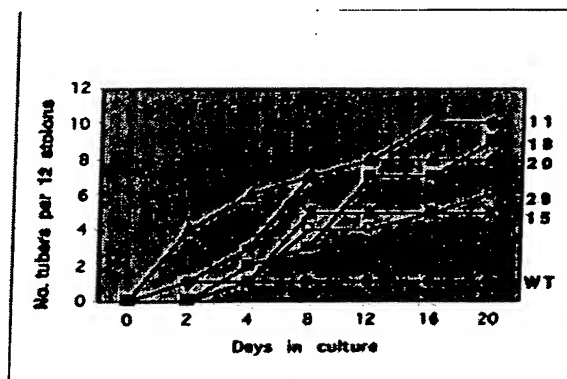


FIGURE 17

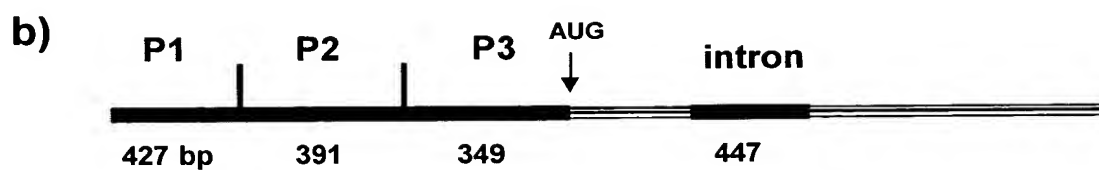
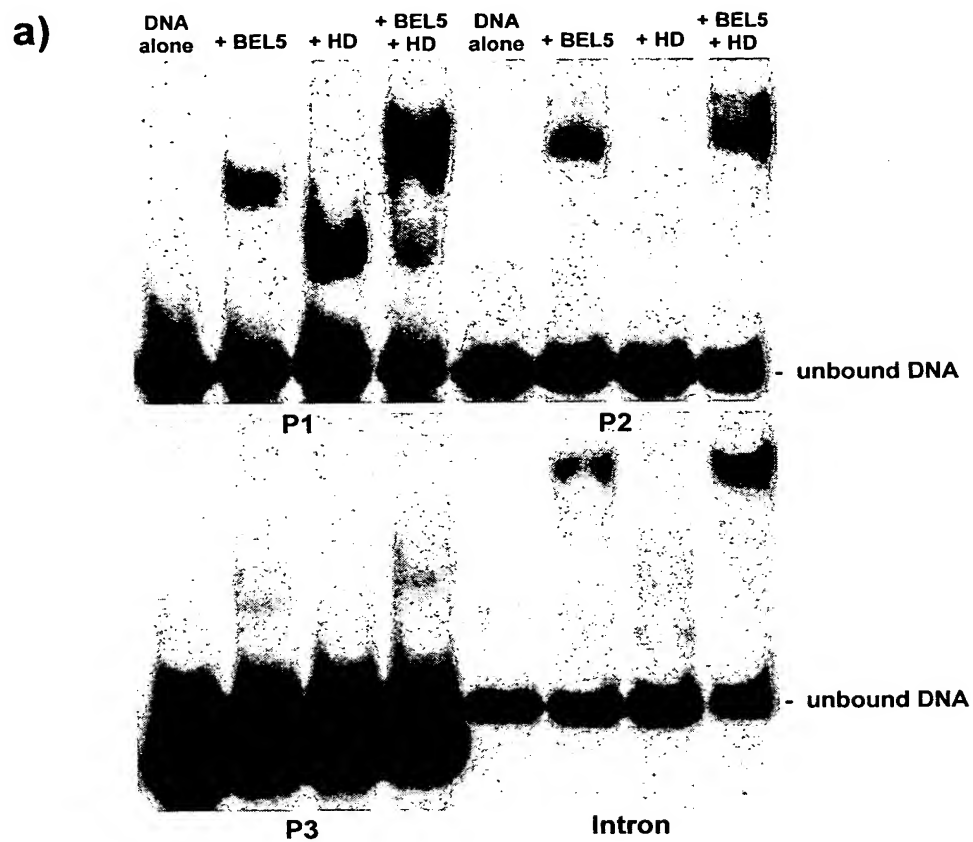


Figure 18

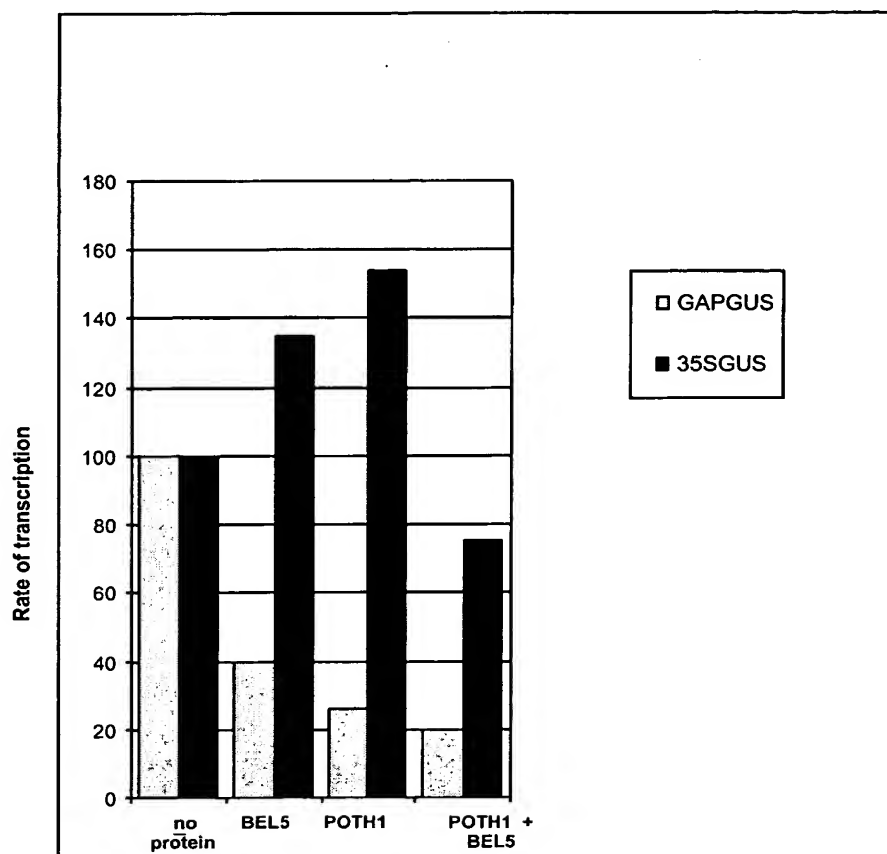


Figure 19

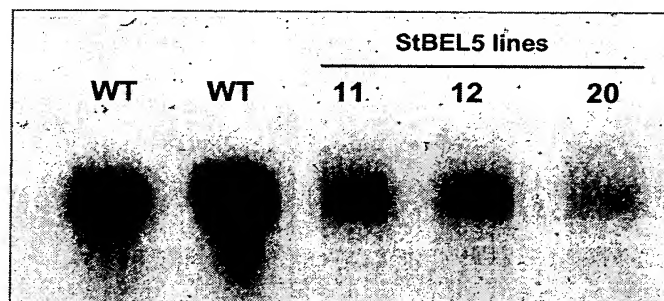


Figure 20

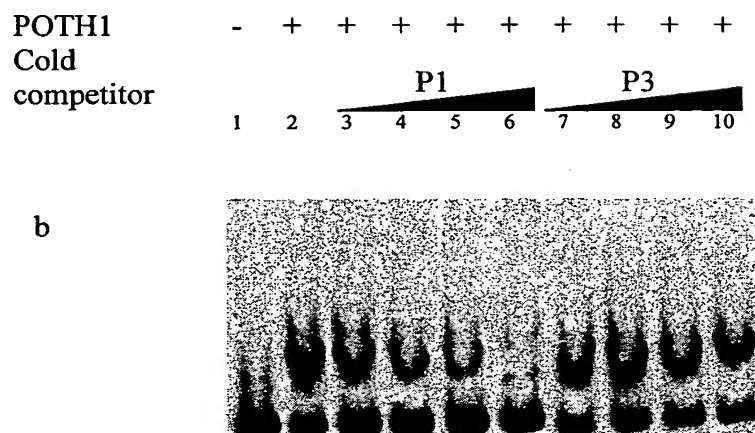
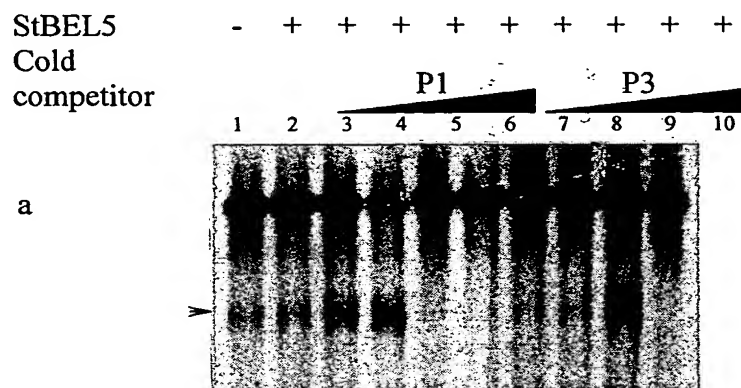


FIGURE 21

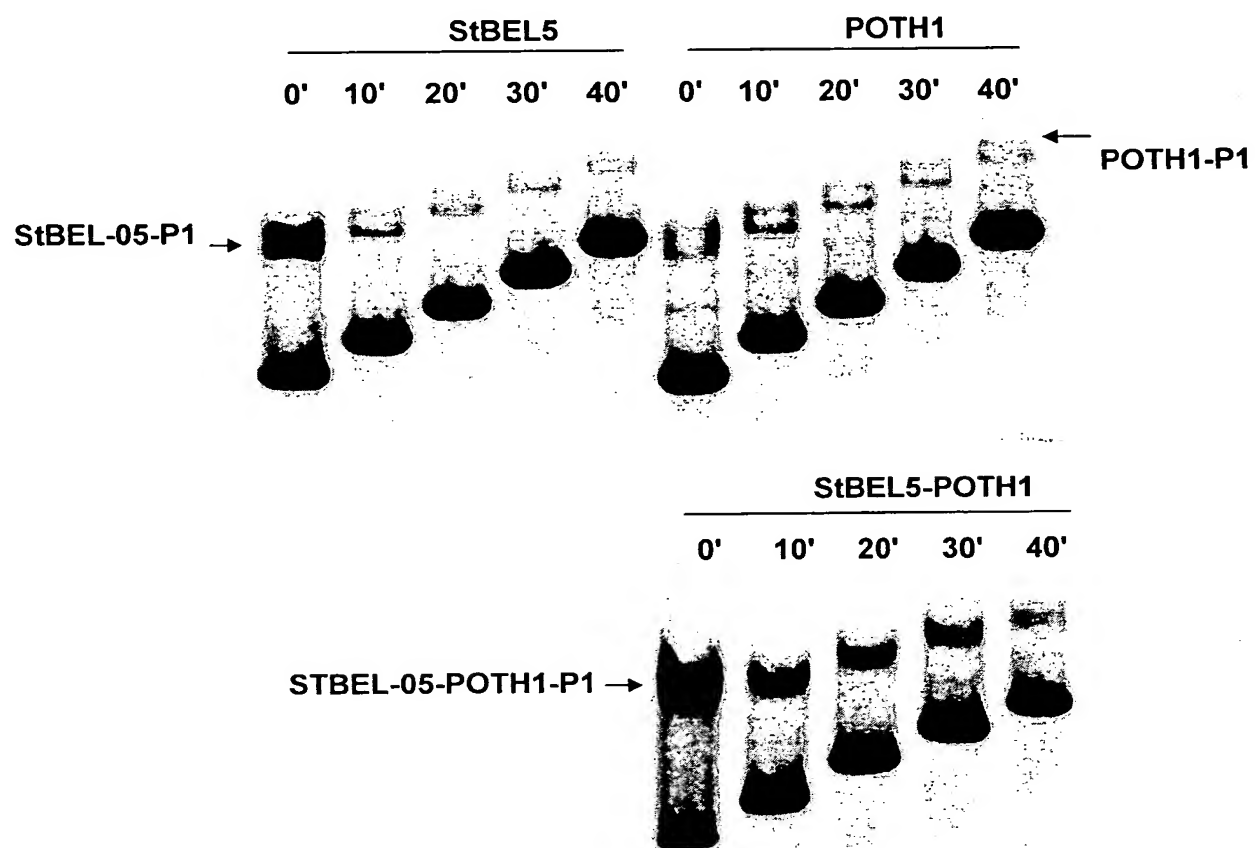
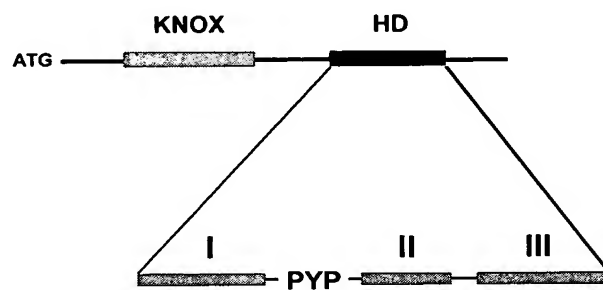


FIGURE 22

a)



b)

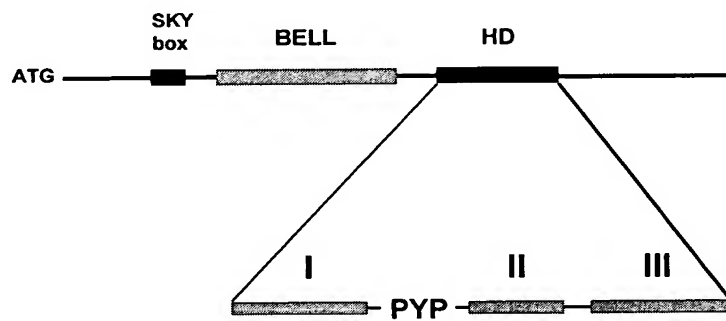


FIGURE 23

a)

p35S::LUC	35S pro	Luciferase	NOS ter
pGA20ox::GUS	35S en	GA20ox	GUS NOS ter
p35S::POTH1	35S pro	KNOX HD	NOS ter
p35S::StBEL5	35S pro	BEL HD	NOS ter

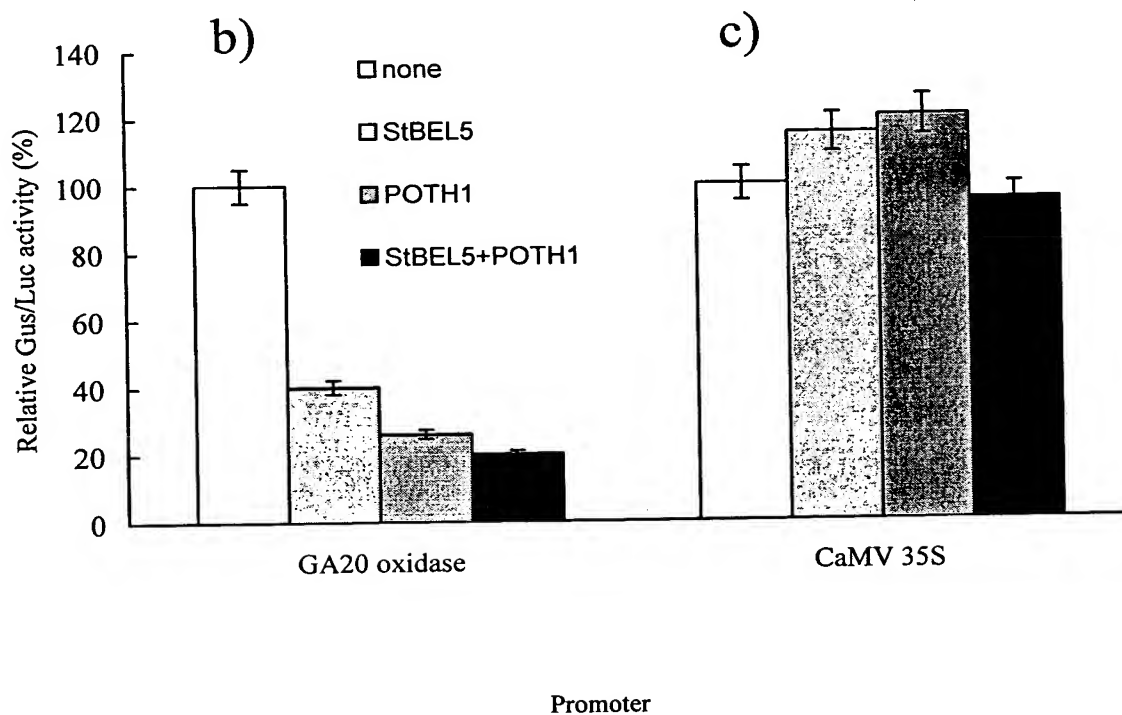


FIGURE 24

Both TFs in tandem are needed to repress the target gene

a) diagram of constructs

Constructs

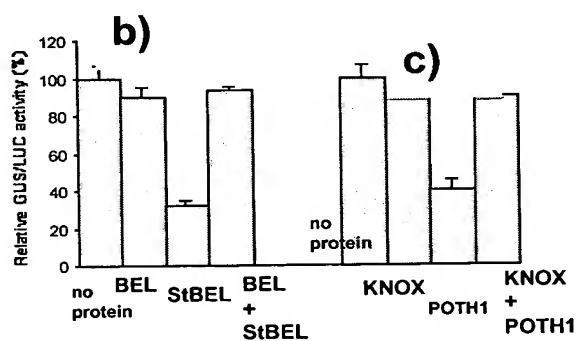
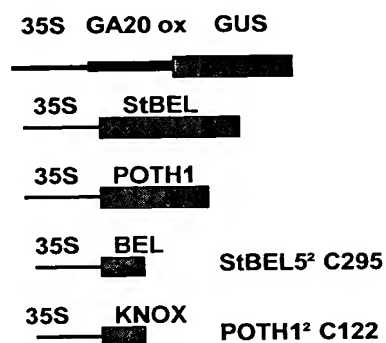


FIGURE 25

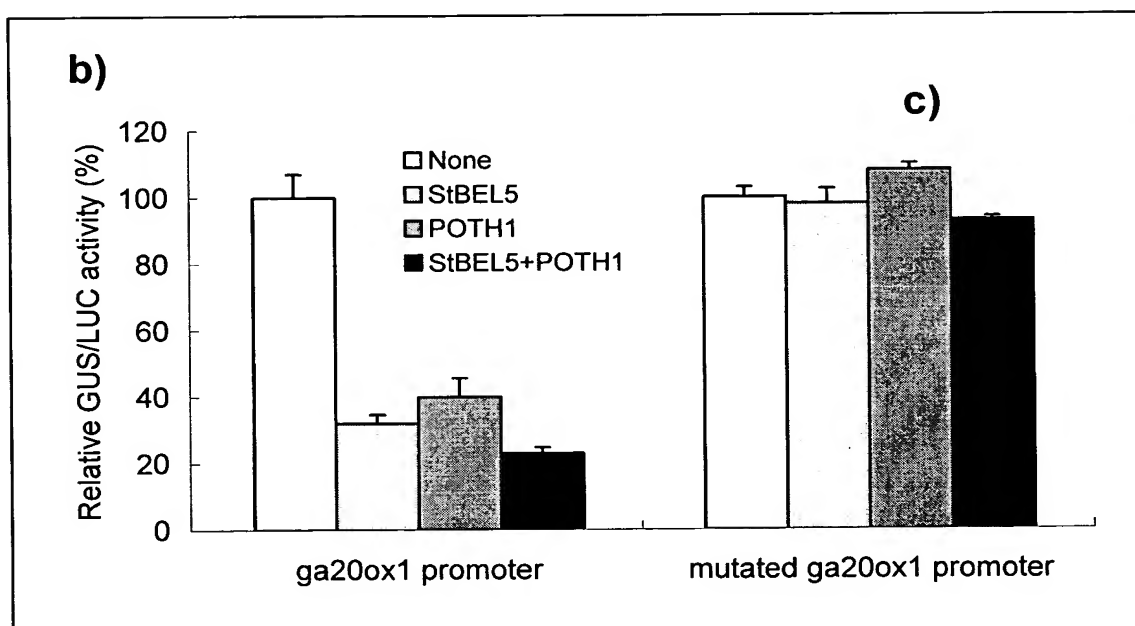


FIGURE 26

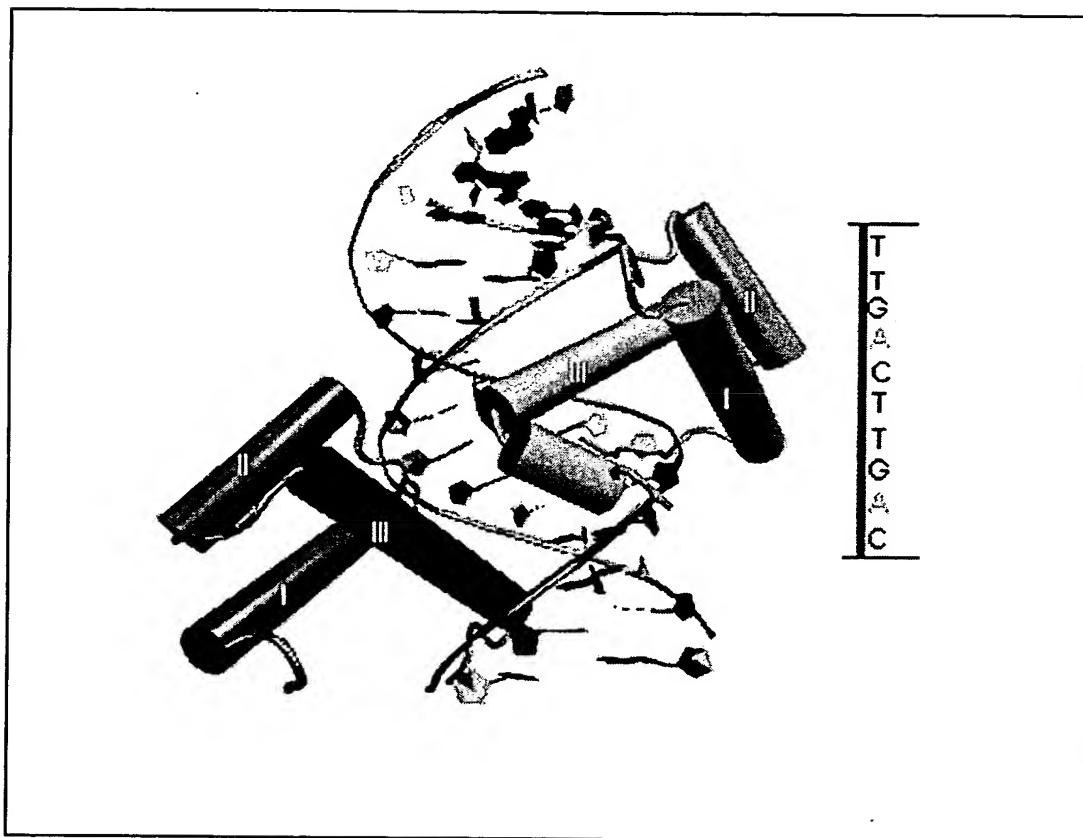


FIGURE 27